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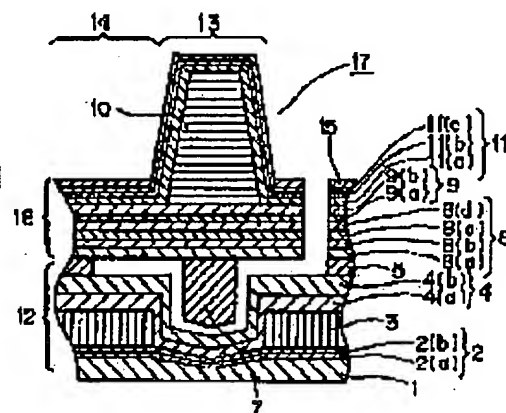
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(54) MICROSPRING CONTACT, ITS AGGREGATE, TERMINAL FOR ELECTRIC CONNECTION COMPOSED OF THE AGGREGATE AND PRODUCTION OF MICROSPRING CONTACT

(57)Abstract:

PURPOSE: To obtain a spring function, obtain uniform and proper contact load, get a microspring contact, its aggregate, and a terminal for electric connection composed of said aggregate superior in contact density and position precision and in addition, obtain a production method of the microspring contact with regard to a contact terminal for electric connection.

CONSTITUTION: In a terminal for electric connection, a base part 12 providing a plurality of insulation layers 1-5 on the surface of a silicon board 1 and forming a recess, the other insulation layer 8 having a spring function on the surface of the base part 12 and a metal coating layer 9 are provided and in addition, a projection-like contact 10 is set at a position corresponding to the recess of the base part 12. After a contact surface is connected with metal coating 11, each layer from the insulation layer 8 having the spring function provided on the surface of the base part 12 up to an outermost metal coating layer 11 is etched and removed in the form of a groove on the circumference of a contact, and further the terminal is composed of a microspring contact 17



composed of a contact part 16 having a contact part 13 for an electronic parts terminal integrally formed with the base part 12 and a conductive part for outside connection 14 and an aggregate of the microspring contact 17.

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